

Title (en)
DISPLAY PANEL AND DISPLAY DEVICE

Title (de)
ANZEIGETAFEL UND ANZEIGEVORRICHTUNG

Title (fr)
ÉCRAN D'AFFICHAGE ET DISPOSITIF D'AFFICHAGE

Publication
EP 4322146 A4 20240904 (EN)

Application
EP 22810200 A 20220402

Priority
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• CN 2022085019 W 20220402

Abstract (en)
[origin: EP4322146A1] A display panel (100) and a display device (10). The display panel (100) comprises: a first display region (101) which comprises a plurality of first pixel units, and a second display region (102) which is arranged adjacent to the first display region (101), wherein the second display region (102) comprises a plurality of second pixel units, and the load of the second pixel units is smaller than the load of the first pixel units; a first driver circuit (130), which is connected to the first pixel units separately, and which employs a pulse width modulation dimming mode for use in driving the first pixel units to emit light; and second driver circuits (140), which are connected to the second pixel units separately, and which employ one of the pulse width modulation dimming mode and a DC dimming mode according to the target brightness of the display panel (100) for use in driving the second pixel units to emit light.

IPC 8 full level
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Citation (search report)
• [XYI] US 2018151132 A1 20180531 - LEE KYOUNGWON [KR], et al
• [Y] US 2020234655 A1 20200723 - BIAN QING [CN], et al
• [A] EP 3648093 A1 20200506 - SAMSUNG DISPLAY CO LTD [KR]
• See also references of WO 2022247467A1

Designated contracting state (EPC)
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EP 4322146 A1 20240214; EP 4322146 A4 20240904; CN 215868587 U 20220218; WO 2022247467 A1 20221201

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